

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-138632

(43)Date of publication of application : 16.05.2000

(51)Int.Cl.

H04B 7/26

H04Q 7/36

H04Q 7/22

H04Q 7/28

(21)Application number : 10-310048

(71)Applicant : NEC CORP

(22)Date of filing : 30.10.1998

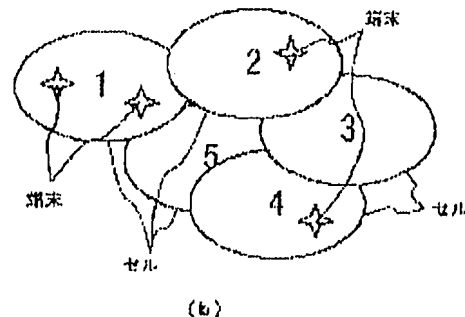
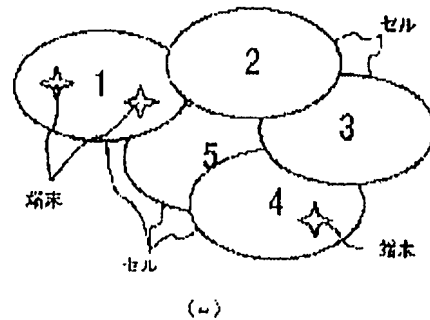
(72)Inventor : MOCHIZUKI TAKASHI  
FURUYA YUKITSUNA

## (54) MOBILE COMMUNICATION SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a mobile communication system that realizes a multiple address channel function which reduced disturbance onto a mobile station not receiving a multiple address message and which can be used by a plurality of users.

**SOLUTION:** Upon the receipt of a multiple access service request, first the system side calls an object terminal, decides a cell to which a multiple address message should be sent depending on from which cell a reply has arrived, assigns a channel to each cell and controls multiple access so that the access is started as soon as the assignment is finished. On the other hand, a mobile station measures the power of the received multiple access message and transmits a transmission power increase request signal only when the received power is deficient. A base station increases transmission power when a transmission power increase request signal is received but gradually decreases transmission power when no transmission power increase request signal is received. As a result, the transmission power of the base station is controlled so that the mobile station remotest from the base station receives minimum required power.



## LEGAL STATUS

[Date of request for examination] 30.10.1998

[Date of sending the examiner's decision of rejection] 26.06.2001

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3248498

[Date of registration] 09.11.2001